

What is Claimed is:

- [c1] 1.A system for providing remote land-line access to a customer premises equipment device, comprising:
at least one computer network service provider;
a customer premises equipment device operatively connected to the at least one service provider over the computer network; and
a computer operatively connected to the customer premises equipment device, wherein the customer premises equipment device includes a broadband modem and an analog modem and wherein the at least one service provider may monitor and configure the customer premises equipment device by exchanging information with the analog modem.
- [c2] 2.The system of claim 1, wherein the at least one service provider includes each of a terminating service provider and an intermediate service provider operatively connected to the terminating service provider over a computer network, and wherein the customer premises equipment device is operatively connected to the intermediate service provider.
- [c3] 3.The system of claim 2, wherein the terminating service provider is an internet service provider and the intermediate service provider is an ADSL service provider.
- [c4] 4.The system of claim 1, wherein the customer premises equipment is an ADSL modem.
- [c5] 5.The system of claim 1, wherein physical link diagnostic information is exchanged between the service provider and the analog modem.
- [c6] 6.The system of claim 1, wherein ADSL layer information is exchanged between the service provider and the analog modem.
- [c7] 7.The system of claim 1, wherein account setup and broadband modem configuration information are exchanged between the service provider and the analog modem.
- [c8] 8.A method for providing remote land-line access to a customer premises

equipment device, comprising the steps of:
 configuring a customer premises equipment to include at least a broadband modem and an analog modem; and
 operatively connecting the customer premises equipment to at least one service provider,
 wherein the at least one service provider may monitor and configure the customer premises equipment device by exchanging information with the analog modem.

[c9] 9.The method of claim 8, wherein the at least one service provider includes each of a terminating service provider and an intermediate service provider operatively connected to the terminating service provider over a computer network, and wherein the customer premises equipment device is operatively connected to the intermediate service provider.

[c10] 10.The method of claim 9, wherein the terminating service provider is an internet service provider and the intermediate service provider is an ADSL service provider.

[c11] 11.The method of claim 8, wherein the customer premises equipment is an ADSL modem.

[c12] 12.The method of claim 8, further comprising the step of exchanging physical link diagnostic information between the service provider and the analog modem over the computer network.

[c13] 13.The method of claim 8, further comprising the step of exchanging ADSL layer information between the service provider and the analog modem over the computer network.

[c14] 14.The method of claim 8, further comprising the step of exchanging account setup and broadband modem configuration information between the service provider and the analog modem over the computer network.